Atmel® CryptoAuthentication™ USB Dongle Demo-Evaluation Kits For ATSHA204A, ATAES132A, ATECC108A, and ATECC508A

QUICK START GUIDE

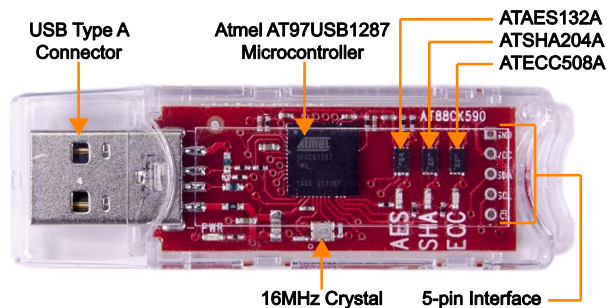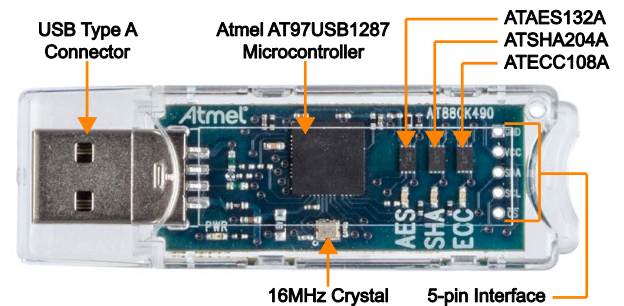**Figure 1.   Atmel AT88CK590 Demo-Evaluation Kit**

Figure 2.   Atmel AT88CK490 Demo-Evaluation Kit

Step 1	**Visit and Browse for the ACES Software at www.atmel.com**
	The ACES (Atmel Crypto Evaluation Studio) software and its information is located at: www.atmel.com/tools/ATMELCRYPTOEVALUATIONSTUDIO_ACES.aspx
Step 2	**Register and Download the ACES Setup File (ACES_Setup_x.x.x.exe)**
	► For the Atmel AT88CK590 Kit, ACES 5.0.0 or higher is required.
Step 3	**Install ACES Setup File**
	Install *ACES_Setup_x.x.x.exe* and follow the instructions in the set-up wizard to complete the installation. The ACES Configuration Environment (CE) icon will be placed on the desktop.
Step 4	**Plug the USB Dongle Kit into a USB Port**
	The kit's power and devices LED lights will turn on.
Step 5	**Start the ACES CE Software Program**
	Either open the program via the desktop icon or via the *Start* menu > *All Programs* > *Atmel Crypto Solutions* > *ACES* > *ACES CE*.

Step 6	**Select the Atmel CryptoAuthentication Device to Evaluate**
	Select the device to evaluate and click on the *Select Device* button. The selected device's LED will light.

Step 7	**Evaluate the Selected Device Using ACES**
	Please reference the "Atmel CryptoAuthentication USB Dongle Demo-Evaluation Kits Hardware User Guide" for more information:
	www.atmel.com/Images/Atmel-8945-CryptoAuth-USB-Dongle-Demo-Eval-Kits-Hardware-UserGuide.pdf

Step 8	**Optional: Communicate with the CryptoAuthXplained Kit Protocol**
	The protocol allows control of all devices on the I²C bus. Source code for the kit protocol is available for download at www.atmel.com/cryptokits.

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